

HGD RABBIT PAB

Cat.#: S219443

Product Name: Anti-HGD Rabbit Polyclonal Antibody

Synonyms: AKU; HGO

UNIPROT ID: Q93099 (Gene Accession - BC071757)

Background: This gene encodes the enzyme homogentisate 1,2 dioxygenase. This enzyme is involved in the catabolism of the amino acids tyrosine and phenylalanine. Mutations in this gene are the cause of the autosomal recessive metabolism disorder alkaptonuria.

Immunogen: Fusion protein of human HGD

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

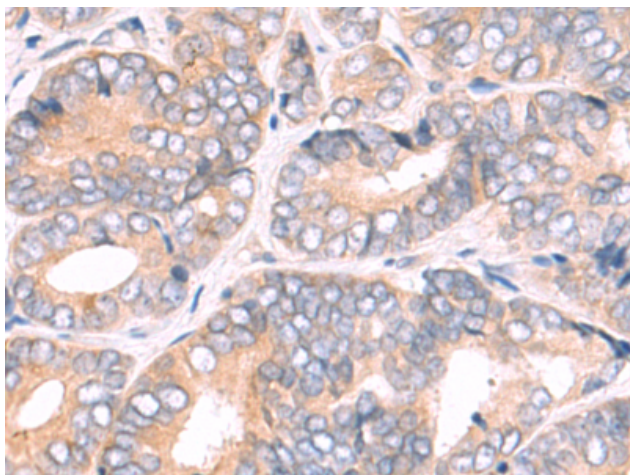
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

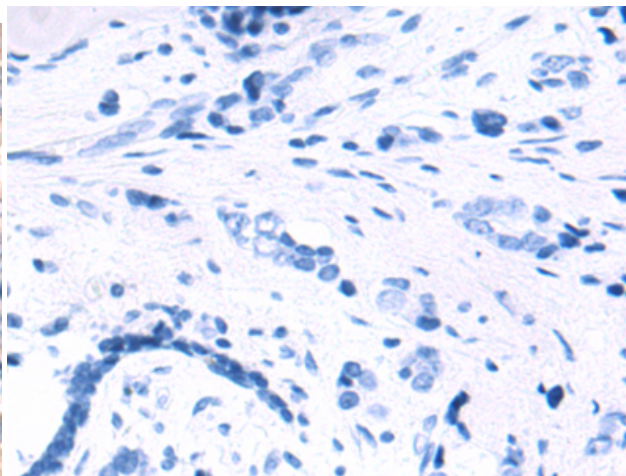
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism

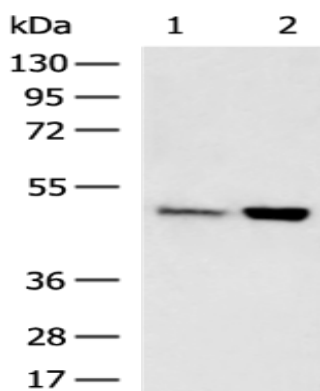
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human prostate cancer tissue using 219443(HGD Antibody) at a dilution of 1/90(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human prostate cancer tissue is first treated with the fusion protein and then with 219443(Anti-HGD Antibody) at dilution 1/90.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane 1-2: A549 and HepG2 cell lysates;
Primary antibody: 219443(HGD Antibody) at dilution 1/1000;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 20 seconds